

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-14 (canceled).

15. (new): A method of generating specific elements having characteristics different from those of the majority of the generic elements of an image, comprising the steps of performing the generation of these specific elements independently of the generation of the generic elements of the image.

16. (new): The method of generating specific elements as claimed in the claim 15, wherein said performing step includes the determination of the impact of these generic elements on the specific elements.

17. (new): The method of generating specific elements as claimed in the claim 16, wherein the determination of the impact on the specific elements includes, for each specific element:

the classification of the generic elements as generic elements to be tested if these generic elements are contained by a subdivision of the vision pyramid defined by the observation point including the specific element,

the determination of the generic elements having an impact on at least one specific element by scanning through all the generic elements to be tested in order to determine if one of these generic elements is intersected by the straight line passing through the observation point and the specific element,

the computation of the impact on the specific element from the generic element determined as having an impact.

18. (new): The method of generating specific elements as claimed in the claim 17, wherein the classification and the determination of the generic elements having an impact are performed asynchronously, and in that the computation of the impact is performed synchronously.

19. (new): The method of generating specific elements as claimed in the claim 17, wherein the impact includes a total or partial masking, or of an atmospheric effect, or of a reflection.

20. (new): The method of generating specific elements as claimed in the claim 16, wherein it includes:

the extraction of the N-dimensional coordinates of the specific elements and of the generic elements, from an observation point provided $P_o(t)$ and a visual database,

the determination of the impact from the extracted coordinates,

the conversion of the coordinates of the specific elements into a predetermined M-dimensional format,

the association with these M-dimensional coordinates of the determined impact, providing coordinates and generation characteristics of the specific elements $C_F(t)$.

21. (new): The method of generating specific elements as claimed in the claim 15, wherein the specific elements correspond to the elements displayed in a calligraphic mode and the generic elements correspond to the elements displayed in a TV mode.

22. (new): A device for generating specific elements implementing the method of generating specific elements as claimed in the claim 15, wherein said device includes means of determining the impact of the generic elements on the specific elements.

23. (new): A method of generating overall images including specific elements having characteristics different from those of the majority of the generic elements of the images, comprising the steps of:

extraction of the N-dimensional coordinates of the generic elements, from the observation point provided $P_o(t)$ and a visual database,

the computation of the 2D image according to the generic coordinates extracted;

on a second channel, the method of generating specific elements having characteristics different from those of the majority of the generic elements of an image, performing the generation of these specific elements independently of the generation of the generic elements of the image.

24. (new): A device for generating overall images including:

on a first channel, means of generating generic elements implementing the extraction of the generic elements and the computation of the 2D image of the method of generating overall images including specific elements having characteristics different from those of the majority of the generic elements of the images, including:

extraction of the N-dimensional coordinates of the generic elements, from the observation point provided $P_o(t)$ and a visual database,

the computation of the 2D image according to the generic coordinates extracted;

on a second channel, the method of generating specific elements having characteristics different from those of the majority of the generic elements of an image, performing the generation of these specific elements independently of the generation of the generic elements of the image.

on a second channel, the device for generating specific elements implementing the method of generating specific elements having characteristics different from those of the majority of the generic elements of an image, performing the generation of these specific elements independently of the generation of the generic elements of the image, including means of determining the impact of the generic elements on the specific elements.

25. (new): The device for generating overall images as claimed in the claim 24, wherein it includes at least one first processor including means of generating specific elements that can be interfaced with at least one projector via an electronic card, said first processor including said card.

26. (new): The generation device as claimed in claim 25, wherein it includes a second processor including means of generating generic elements.

27. (new): The generation device as claimed in claim 25, wherein said first processor also includes the means of generating generic elements.

28. (new): A flight simulator, wherein said first simulator includes a device for generating overall images as claimed in claim 22.